

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102423\
 Data File : VX038451.D
 Acq On : 24 Oct 2023 13:02
 Operator : JC/MD
 Sample : VX1024MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1024MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/25/2023
 Supervised By : Mahesh Dadoda 10/25/2023

Quant Time: Oct 25 06:07:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.549	168	156988	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	259239	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	255534	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	146152	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	94935	37.597	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	75.200%#		
35) Dibromofluoromethane	5.385	113	81091	43.411	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	86.820%		
50) Toluene-d8	8.646	98	285935	40.058	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	80.120%#		
62) 4-Bromofluorobenzene	11.079	95	112167	41.450	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	82.900%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	32134	21.206	ug/l	97
3) Chloromethane	1.300	50	29312	18.979	ug/l	97
4) Vinyl Chloride	1.373	62	33383	19.495	ug/l	98
5) Bromomethane	1.605	94	34455	14.719	ug/l	97
6) Chloroethane	1.684	64	23543	18.824	ug/l	98
7) Trichlorofluoromethane	1.886	101	64020	18.928	ug/l	97
8) Diethyl Ether	2.135	74	22141	17.552	ug/l	81
9) 1,1,2-Trichlorotrifluo...	2.331	101	33222	22.499	ug/l	98
10) Methyl Iodide	2.452	142	41537	19.551	ug/l	93
11) Tert butyl alcohol	2.952	59	47517	77.600	ug/l #	91
12) 1,1-Dichloroethene	2.318	96	30240	21.054	ug/l	88
13) Acrolein	2.233	56	37537	104.571	ug/l	99
14) Allyl chloride	2.666	41	45626	17.760	ug/l #	94
15) Acrylonitrile	3.062	53	109605	95.383	ug/l	99
16) Acetone	2.373	43	105630	100.235	ug/l	92
17) Carbon Disulfide	2.513	76	68070	16.443	ug/l	100
18) Methyl Acetate	2.702	43	93144	20.611	ug/l	91
19) Methyl tert-butyl Ether	3.111	73	109309	19.109	ug/l	100
20) Methylene Chloride	2.788	84	37701	19.019	ug/l #	87
21) trans-1,2-Dichloroethene	3.093	96	34455	19.374	ug/l	88
22) Diisopropyl ether	3.757	45	98664	18.324	ug/l #	93
23) Vinyl Acetate	3.721	43	351365	88.984	ug/l #	93
24) 1,1-Dichloroethane	3.611	63	61216	18.734	ug/l	99
25) 2-Butanone	4.556	43	157341	92.536	ug/l	92
26) 2,2-Dichloropropane	4.477	77	47505	18.621	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	41584	19.634	ug/l	89
28) Bromochloromethane	4.891	49	26398	17.896	ug/l #	76
29) Tetrahydrofuran	5.001	42	96870	87.505	ug/l #	86
30) Chloroform	5.092	83	70071	19.610	ug/l	99
31) Cyclohexane	5.470	56	47559	17.384	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	58566	19.135	ug/l	97
36) 1,1-Dichloropropene	5.696	75	48207	18.715	ug/l	97
37) Ethyl Acetate	4.714	43	54246	17.732	ug/l	95
38) Carbon Tetrachloride	5.678	117	50561	19.953	ug/l	98
39) Methylcyclohexane	7.378	83	57115	18.930	ug/l	92
40) Benzene	6.043	78	142731	19.811	ug/l	98

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41) Methacrylonitrile	4.915	41	27986	18.389	ug/l #	85
42) 1,2-Dichloroethane	6.086	62	54852	19.056	ug/l	99
43) Isopropyl Acetate	6.342	43	83507	18.285	ug/l #	97
44) Trichloroethene	7.128	130	40253	21.361	ug/l	99
45) 1,2-Dichloropropane	7.433	63	35837	19.219	ug/l	95
46) Dibromomethane	7.580	93	29100	20.121	ug/l	95
47) Bromodichloromethane	7.823	83	51417	19.985	ug/l	97
48) Methyl methacrylate	7.689	41	39757	18.236	ug/l #	82
49) 1,4-Dioxane	7.659	88	19888	370.184	ug/l #	86
51) 4-Methyl-2-Pentanone	8.573	43	305890	97.105	ug/l	97
52) Toluene	8.720	92	95610	20.372	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	52240	18.916	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	56903	19.612	ug/l	90
55) 1,1,2-Trichloroethane	9.152	97	41147	20.498	ug/l	96
56) Ethyl methacrylate	9.116	69	57676	18.739	ug/l	91
57) 1,3-Dichloropropane	9.311	76	65582	20.199	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	113091	74.857	ug/l	97
59) 2-Hexanone	9.427	43	242207	95.642	ug/l	94
60) Dibromochloromethane	9.524	129	40790	20.762	ug/l	100
61) 1,2-Dibromoethane	9.610	107	44228	20.374	ug/l	99
64) Tetrachloroethene	9.274	164	34119	20.625	ug/l	97
65) Chlorobenzene	10.079	112	107839	20.168	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	38190	21.121	ug/l	99
67) Ethyl Benzene	10.195	91	186742	19.565	ug/l	100
68) m/p-Xylenes	10.299	106	145516	39.429	ug/l	98
69) o-Xylene	10.640	106	69580	19.317	ug/l	100
70) Styrene	10.652	104	118477	20.198	ug/l	95
71) Bromoform	10.799	173	29600	19.499	ug/l #	100
73) Isopropylbenzene	10.963	105	189411	19.325	ug/l	99
74) N-amyl acetate	10.841	43	72245	17.261	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	70767	19.676	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	62032m	18.670	ug/l	
77) Bromobenzene	11.201	156	48345	20.203	ug/l	86
78) n-propylbenzene	11.305	91	227032	18.944	ug/l	100
79) 2-Chlorotoluene	11.366	91	131655	18.523	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	162441	19.210	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	16554	17.408	ug/l	96
82) 4-Chlorotoluene	11.451	91	156015	18.550	ug/l	96
83) tert-Butylbenzene	11.713	119	163221	19.754	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	163523	19.395	ug/l	98
85) sec-Butylbenzene	11.890	105	209247	19.550	ug/l	100
86) p-Isopropyltoluene	12.012	119	172767	19.564	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	93356	19.424	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	97102	19.789	ug/l	98
89) n-Butylbenzene	12.335	91	161930	18.412	ug/l	97
90) Hexachloroethane	12.536	117	27707	18.924	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	93872	20.319	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	15767	18.132	ug/l	78
93) 1,2,4-Trichlorobenzene	13.585	180	64155	20.704	ug/l	95
94) Hexachlorobutadiene	13.725	225	26164	20.979	ug/l	99
95) Naphthalene	13.774	128	205734	19.065	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	61003	20.332	ug/l	98

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

